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# TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/603,339
Filing Date	June 24, 2003
First Named Inventor	Jedrzejewski, Paul
Art Unit	Unassigned
Examiner Name	Unassigned
Total Number of Pages in This Submission	6
Attorney Docket Number	020144-001512US

## ENCLOSURES (Check all that apply)

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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Certified Copy of Priority Document(s)		Remarks
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP Patrick R. Jewik	Reg. No. 40,456
Signature		
Date	9/10/03	

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT**  
Attorney Docket No.: 020144-001512US



Commissioner for Patents  
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September 10, 2003

TOWNSEND and TOWNSEND and CREW LLP

By: M. Mark

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Paul Jedrzejewski, et al.

Application No.: 10/603,339

Filed: June 24, 2003

For: MICROFLUIDIC DEVICES AND METHODS

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 10/208,381, filed July 29, 2002 (Attorney Docket No. 020144-001511US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Patrick R. Jewik  
Reg. No. 40,456

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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**Complete if Known**

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Examiner Name	Unassigned

Attorney Docket Number 020144-001512US

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA	US-4,071,409		01/31/1978	Messing et al.	
AB	US-5,041,266		06/20/1991	Fox	
AC	US-5,143,854		09/01/1992	Pirnung et al.	
AD	US-5,160,378		11/03/1992	Tuunanen et al.	
AE	US-5,252,743		10/12/1993	Barrett et al.	
AF	US-5,288,514		02/22/1994	Ellman	
AG	US-5,304,487		04/19/1994	Wilding et al.	
AH	US-5,405,783		04/11/1995	Pirnung et al.	
AI	US-5,585,069		12/17/1996	Zanzucchi et al.	
AJ	US-5,603,351		02/18/1997	Cherukuri et al.	
AK	US-5,620,850		04/15/1997	Bamdad et al.	
AL	US-5,624,711		04/29/1997	Sundberg et al.	
AM	US-5,632,878		05/27/1997	Zanzucchi et al.	
AN	US-5,750,015		05/12/1998	Soane et al.	
AO	US-5,831,184		11/03/1998	Willard et al.	
AP	US-5,843,767		12/01/1998	Beattie	
AQ	US-5,849,208		12/15/1998	Hayes et al.	
AR	US-5,858,188		01/12/1999	Soane et al.	
AS	US-5,858,804		01/12/1999	Zanzucchi et al.	
AT	US-5,859,431		01/12/1999	Cotrell et al.	
AU	US-5,867,268		02/02/1999	Craighead	
AV	US-5,872,610		02/18/1999	Karger et al.	
AW	US-5,878,875		03/02/1999	Kennedy	
AX	US-5,894,063		04/13/1999	Hutchens et al.	
AY	US-5,942,443		06/24/1999	Parce et al.	
AZ	US-5,980,704		11/09/1999	Cherukuri et al.	
BA	US-6,007,690		12/28/1999	Nelson et al.	
BB	US-6,020,208		02/01/2000	Hutchens et al.	
BC	US-6,027,942		02/22/2000	Hutchens et al.	
BD	US-6,024,925		02/15/2000	Little et al.	
BE	US-6,043,031		03/28/2000	Koster et al.	
BF	US-6,044,981		04/04/2000	Chu et al.	
BG	US-6,046,056		04/04/2000	Parce et al.	
BH	US-6,068,752		05/30/2000	Dubrow et al.	
BI	US-6,097,097		06/01/2000	Hirose	
BJ	US-6,153,073		11/28/2000	Dubrow et al.	
BK	US-6,171,850		01/09/2001	Nagle et al.	
BL	US-6,048,498 B1		4/11/2000	Kennedy	
BM	US-6,107,044 B1		8/22/2000	Nikiforov	
BN	US-6,167,910 B1		1/2/2001	Chow	

Examiner Signature

/Brian Sines/ (06/17/2008)

Date Considered

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Attorney Docket Number 020144-001512US

BO	US-6,186,660 B1	2/13/2001	Kopf-Sill et al.	
BP	US-6,274,089 B1	8/14/2001	Chow et al.	
BQ	US-6,316,970 B1	11/20/2001	Backhouse	
BR	US-6,503,757 B1	1/07/2003	Chow	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup>	Number <sup>3</sup>	Kind Code <sup>4</sup> (If Known)				
BS	DE	19754978	A1		07/01/1999	Bruker Daltonik GmbH		<input type="checkbox"/>
BT	PCT	WO9428418	A1		12/08/1994	Baylor College of Medicine		<input type="checkbox"/>
BU	PCT	WO8841323	A1		09/24/1988	MOXTEK, INC.		<input type="checkbox"/>
BV	PCT	WO9859362	A1		12/30/1998	CIPHERGEN BIOSYSTEMS, INC.		<input type="checkbox"/>
BW	PCT	WO0004382	A1		01/27/2000	ZYOMYX, INC.		<input type="checkbox"/>
BX	PCT	WO0004389	A2		01/27/2000	ZYOMYX, INC.		<input type="checkbox"/>
BY	PCT	WO0004390	A2		01/27/2000	ZYOMYX, INC.		<input type="checkbox"/>
BZ	PCT	WO0006388	A1		02/10/2000	GENSPEC S.A.		<input type="checkbox"/>
CA	PCT	WO014197	A1		03/16/2000	HITACHI SOFTWARE ENGINEERING CO., LTD.		<input type="checkbox"/>
CB	PCT	WO015321	A1		03/23/2000	ADVANCED BIOANALYTICAL SERVICES, INC.		<input type="checkbox"/>

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.J.S./ (06/17/2008)

Examiner Signature	/Brian Sines/ (06/17/2008)	Date Considered
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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CC	AHN, et al. "Microfluidic Devices and Systems II" (SPIE – The International society for Optical Engineering, September 20 – 21, 1999)	
	CD	DESAI et al., "A MEMS Electrostatic Particle Transportation System," Sensors and Actuators A: Physical (1999)	
	CE	DUCRÉE, et al. "Topspot – A New Method for the Fabrication of Microarrays" (IEEE April 2000)	
	CF	KAMISUKI, et al. "A High Resolution, Electrostatically-Driven Commercial Inkjet Head" (Production Engineering & Development Department, System Device Division, Seiko Epson Corporation)	
	CG	MAN et al., "Microfabricated Capillarity-Driven Stop Valve and Sample Injector" (University of Michigan, Ann Arbor, MI)	
	CH	MSIA™ "Mass Spectrometric Immunoassay" (Intrinsic Biosystems, Inc.)	
	CI	PETERSEN et al., "The Promise of Miniaturized Clinical Diagnostic Systems" (IVDT Archive, July 1998)	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.J.S./ (06/17/2008)

Examiner Signature	/Brian Sines/ (06/17/2008)	Date Considered	
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